

IDENTIFICATION

Species: *Populus deltoides*

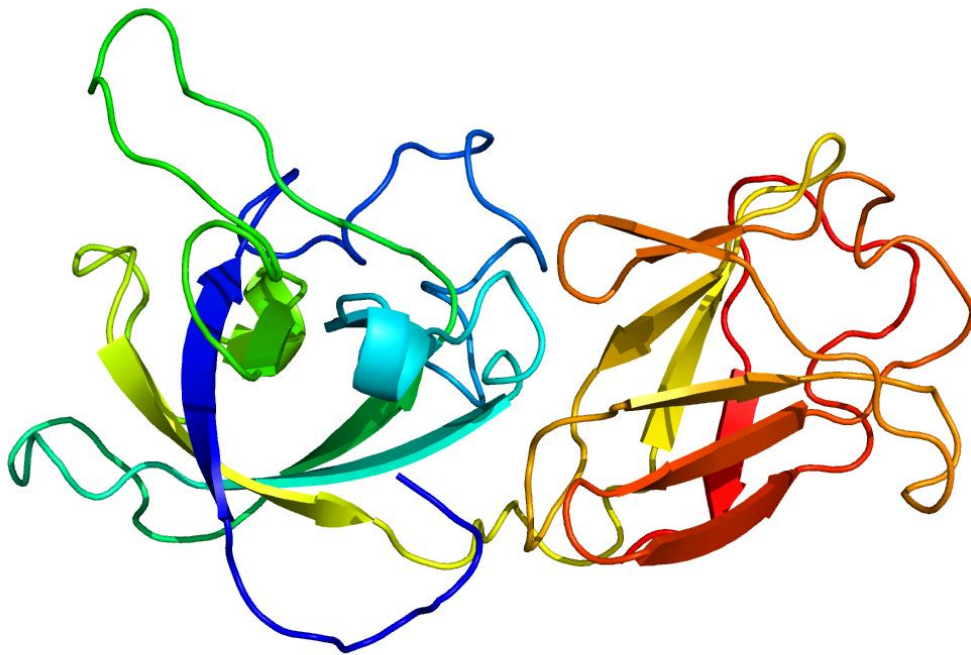
Locus: Podel.10G168700

Gene Model: Podel.10G168700.1.p

Description: PdEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

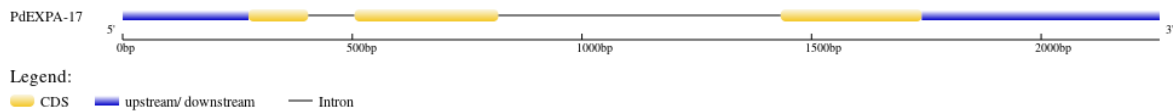
Phytozome: https://phytozome-next.jgi.doe.gov/info/PdeltoidesWV94_v2_1

KEGG:-

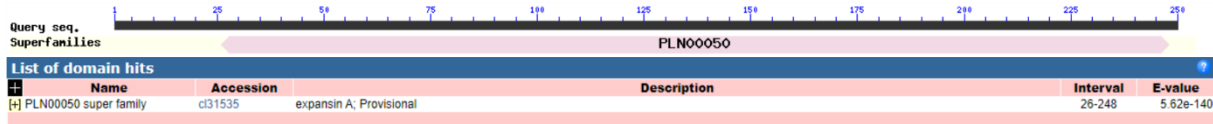
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PdEXPA-17

MALAGIFLVGFLAMVSSVYGYGGGGWINAHATFYGGGDASGTMGGACGYGNLYSQ
GYGTNTAALSTALFNSGLSCGSCYEIRCVNDPKWCLPGSIVITATNFCPPNNALPNNA
GGWCNPPQHFFDLSQPVFQHIAQFRAGIVPVSYRRVPCRRRGGIRFTINGHSYFNLVLI
TNVGGAGDVHSVSIKGSRTGWQPMSRNWQNWQSNNYLNQSLSFKVTTSDGRTV
VSYNAAPSSWSFGQTFSGAQFR*

CDS (coding sequence)

>PdEXPA-17

ATGGCTCTAGCTGGGATTTTCTTGGTGGGTTTCCTTGCAATGGTTTCATCTGTTTAT
GGTTATGGTGGTGGAGGCTGGATTAATGCTCATGCAACTTTCTACGGAGGTGGTG
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GTATGGTACTAATACTGCAGCTTTGAGCACAGCTCTGTTCAACAGCGGGTTAAGC
TGTGGATCTTGCTATGAGATCAGGTGCGTGAATGACCCCAAATGGTGCCTGCCAG
GCTCCATTGTGATCACCGCCACCAATTTCTGCCCTCCGAACAATGCCCTGCCTAAC
AATGCAGGGGGCTGGTGTAACTCCTCAACACCATTTTGATCTCTCCAGCCTGT
CTTCCAGCACATTGCCCAATTTAGAGCAGGAATCGTGCCTGTGTCTTACAGAAGG
GTACCCTGCAGGAGGAGAGGCATAAGGTTCAACAATCAATGGCCACTCTTACT
TCAATCTAGTCCTGATCACTAACGTTGGTGGTGGTGGTGTACATTCTGTGTCC
ATCAAGGGGTCCAGGACTGGTTGGCAACCAATGTCAAGGAAGTGGGGGCAAAT
TGGCAGAGCAACAATCTCAATGGACAAAGTCTTTTCTTTAAGGTCACCACCA
GTGATGGTTCGAACTGTGGTCTCCTACAATGCGGCTCCCTCTAGCTGGTCCTTTGGG
CAGACCTTCTCCGGCGCCAGTTTCGTTAG

Nucleotide

>PdEXPA-17

GCCCAAATAGTTCCCCAACCTCCCCAACCTCTATAAATTCCACCTCATCCCC
TCCCAACTTTCTTCACTCAACAGCTTCACATTTCTCTTGCCTTGCCTCTCCTTTTC
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